

Yun-Ling Liu

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200
papers

9,152
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50
h-index

89
g-index

208
ext. papers

10,474
ext. citations

7
avg, IF

6.43
L-index

#	Paper	IF	Citations
200	Assembly of metal-organic frameworks (MOFs) based on indium-trimer building blocks: a porous MOF with soc topology and high hydrogen storage. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3278-83	16.4	593
199	Zeolite-like metal-organic frameworks as platforms for applications: on metalloporphyrin-based catalysts. <i>Journal of the American Chemical Society</i> , 2008 , 130, 12639-41	16.4	540
198	Molecular building blocks approach to the assembly of zeolite-like metal-organic frameworks (ZMOFs) with extra-large cavities. <i>Chemical Communications</i> , 2006 , 1488-90	5.8	418
197	Tunable rare-earth fcu-MOFs: a platform for systematic enhancement of CO ₂ adsorption energetics and uptake. <i>Journal of the American Chemical Society</i> , 2013 , 135, 7660-7	16.4	406
196	Template-directed assembly of zeolite-like metal-organic frameworks (ZMOFs): a usf-ZMOF with an unprecedented zeolite topology. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8446-9	16.4	248
195	Crystal Defect Engineering of Aurivillius Bi ₂ MoO ₆ by Ce Doping for Increased Reactive Species Production in Photocatalysis. <i>ACS Catalysis</i> , 2016 , 6, 3180-3192	13.1	236
194	Synthesis and integration of Fe-soc-MOF cubes into colloidosomes via a single-step emulsion-based approach. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10234-7	16.4	228
193	Synthesis of Mesoporous Silica Nanoparticles via Controlled Hydrolysis and Condensation of Silicon Alkoxide. <i>Chemistry of Materials</i> , 2009 , 21, 3823-3829	9.6	204
192	4-Connected metal-organic assemblies mediated via heterochelation and bridging of single metal ions: Kagome lattice and the M ₆ L ₁₂ octahedron. <i>Journal of the American Chemical Society</i> , 2005 , 127, 7266-7	16.4	161
191	Directed assembly of metal-organic cubes from deliberately predesigned molecular building blocks. <i>Chemical Communications</i> , 2004 , 2806-7	5.8	143
190	Enhanced adsorptive removal of anionic and cationic dyes from single or mixed dye solutions using MOF PCN-222. <i>RSC Advances</i> , 2017 , 7, 16273-16281	3.7	132
189	Highly monodisperse M(III)-based soc-MOFs (M = In and Ga) with cubic and truncated cubic morphologies. <i>Journal of the American Chemical Society</i> , 2012 , 134, 13176-9	16.4	122
188	A versatile cooperative template-directed coating method to construct uniform microporous carbon shells for multifunctional core-shell nanocomposites. <i>Nanoscale</i> , 2013 , 5, 2469-75	7.7	121
187	Fabrication uniform hollow BiS nanospheres via Kirkendall effect for photocatalytic reduction of Cr(VI) in electroplating industry wastewater. <i>Journal of Hazardous Materials</i> , 2017 , 340, 253-262	12.8	116
186	A luminescent cadmium metal-organic framework for sensing of nitroaromatic explosives. <i>Dalton Transactions</i> , 2015 , 44, 230-6	4.3	115
185	From metal-organic squares to porous zeolite-like supramolecular assemblies. <i>Journal of the American Chemical Society</i> , 2010 , 132, 18038-41	16.4	113
184	Engineering of multi-shelled SnO ₂ hollow microspheres for highly stable lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 17673-17677	13	108

183	Tunable MoS ₂ /SnO ₂ p-n Heterojunctions for an Efficient Trimethylamine Gas Sensor and 4-Nitrophenol Reduction Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 12375-12384	8.3	106
182	Assembly of two 3-D metal-organic frameworks from Cd(II) and 4,5-imidazoleedicarboxylic acid or 2-ethyl-4,5-imidazoleedicarboxylic acid. <i>CrystEngComm</i> , 2008 , 10, 1662	3.3	104
181	A polyhedral metal-organic framework based on the supermolecular building block strategy exhibiting high performance for carbon dioxide capture and separation of light hydrocarbons. <i>Chemical Communications</i> , 2015 , 51, 15287-9	5.8	100
180	Size-tunable fabrication of multifunctional Bi ₂ O ₃ porous nanospheres for photocatalysis, bacteria inactivation and template-synthesis. <i>Nanoscale</i> , 2014 , 6, 5402-9	7.7	99
179	Indium-Organic Frameworks Based on Dual Secondary Building Units Featuring Halogen-Decorated Channels for Highly Effective CO ₂ Fixation. <i>Chemistry of Materials</i> , 2019 , 31, 1084-1091	9.6	97
178	An ultrastable Zr-MOF for fast capture and highly luminescence detection of Cr ₂ O ₇ ²⁻ simultaneously in an aqueous phase. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 6363-6369	13	96
177	Time-dependent evolution of the Bi _{3.64} Mo _{0.36} O _{6.55} /Bi ₂ MoO ₆ heterostructure for enhanced photocatalytic activity via the interfacial hole migration. <i>Nanoscale</i> , 2015 , 7, 11991-9	7.7	94
176	Immobilization of Bacillus subtilis lipase on a Cu-BTC based hierarchically porous metal-organic framework material: a biocatalyst for esterification. <i>Dalton Transactions</i> , 2016 , 45, 6998-7003	4.3	93
175	Host-Guest Chirality Interplay: A Mutually Induced Formation of a Chiral ZMOF and Its Double-Helix Polymer Guests. <i>Journal of the American Chemical Society</i> , 2016 , 138, 786-9	16.4	93
174	High performance gas adsorption and separation of natural gas in two microporous metal-organic frameworks with ternary building units. <i>Chemical Communications</i> , 2014 , 50, 8648-50	5.8	89
173	Designer Metal-Organic Frameworks for Size-Exclusion-Based Hydrocarbon Separations: Progress and Challenges. <i>Advanced Materials</i> , 2020 , 32, e2002603	24	81
172	Construction of Three Metal-Organic Frameworks Based on Multifunctional T-Shaped Tripodal Ligands, H ₃ PyImDC. <i>Crystal Growth and Design</i> , 2010 , 10, 3489-3495	3.5	80
171	A Pillar-Layered Zn-LMOF with Uncoordinated Carboxylic Acid Sites: High Performance for Luminescence Sensing Fe and TNP. <i>Inorganic Chemistry</i> , 2019 , 58, 4026-4032	5.1	77
170	Highly ordered periodic mesoporous organosilica nanoparticles with controllable pore structures. <i>Nanoscale</i> , 2012 , 4, 6588-96	7.7	77
169	Two stable 3D porous metal-organic frameworks with high performance for gas adsorption and separation. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 16627-16632	13	74
168	An anionic metal-organic framework with ternary building units for rapid and selective adsorption of dyes. <i>Dalton Transactions</i> , 2017 , 46, 3332-3337	4.3	70
167	Assembly of Two Metal-Organic Frameworks with Intrinsic Chiral Topology from Achiral Materials. <i>Crystal Growth and Design</i> , 2010 , 10, 492-494	3.5	69
166	Assembly of Metal-Organic Frameworks (MOFs) Based on Indium-Trimer Building Blocks: A Porous MOF with soc Topology and High Hydrogen Storage. <i>Angewandte Chemie</i> , 2007 , 119, 3342-3347	3.6	69

- 165 Discrete {Ni₄₀} Coordination Cage: A Calixarene-Based Johnson-Type (J17) Hexadecahedron. *Journal of the American Chemical Society*, **2016**, 138, 2969-72 16.4 68
- 164 Modification with Metallic Bismuth as Efficient Strategy for the Promotion of Photocatalysis: The Case of Bismuth Phosphate. *ChemSusChem*, **2016**, 9, 1579-85 8.3 68
- 163 Hollow Multi-Shelled Structure with Metal-Organic-Framework-Derived Coatings for Enhanced Lithium Storage. *Angewandte Chemie - International Edition*, **2019**, 58, 5266-5271 16.4 67
- 162 Recent Progress on Microfine Design of Metal-Organic Frameworks: Structure Regulation and Gas Sorption and Separation. *Advanced Materials*, **2020**, 32, e2002563 24 65
- 161 A versatile cooperative template-directed coating method to synthesize hollow and yolk-shell mesoporous zirconium titanium oxide nanospheres as catalytic reactors. *Nano Research*, **2014**, 7, 246-262¹⁰ 63
- 160 Two anthracene-based metal-organic frameworks for highly effective photodegradation and luminescent detection in water. *Journal of Materials Chemistry A*, **2018**, 6, 17177-17185 13 62
- 159 Generation of defect clusters for O₂ production for molecular oxygen activation in photocatalysis. *Journal of Materials Chemistry A*, **2017**, 5, 23453-23459 13 62
- 158 Significant enhancement of gas uptake capacity and selectivity via the judicious increase of open metal sites and Lewis basic sites within two polyhedron-based metal-organic frameworks. *Chemical Communications*, **2016**, 52, 3223-6 5.8 61
- 157 Metal-organic frameworks based on bipyridinium carboxylate: photochromism and selective vapochromism. *Journal of Materials Chemistry C*, **2017**, 5, 2084-2089 7.1 60
- 156 A multifunctional Zr(IV)-based metal-organic framework for highly efficient elimination of Cr(VI) from the aqueous phase. *Journal of Materials Chemistry A*, **2019**, 7, 16833-16841 13 58
- 155 Fe(III)-Modified BiOBr Hierarchitectures for Improved Photocatalytic Benzyl Alcohol Oxidation and Organic Pollutants Degradation. *Industrial & Engineering Chemistry Research*, **2017**, 56, 5935-5943 3.9 57
- 154 Construction of Six Coordination Polymers Based on a 5,5'-(1,2-Ethynyl)bis-1,3-benzenedicarboxylic Ligand: Synthesis, Structure, Gas Sorption, and Magnetic Properties. *Crystal Growth and Design*, **2013**, 13, 1033-1044 3.5 57
- 153 Graphene-encapsulated mesoporous SnO₂ composites as high performance anodes for lithium-ion batteries. *Journal of Materials Science*, **2013**, 48, 3870-3876 4.3 52
- 152 In situ synthesis of a FeS/MIL-53(Fe) hybrid catalyst for an efficient electrocatalytic hydrogen evolution reaction. *Chemical Communications*, **2019**, 55, 4570-4573 5.8 51
- 151 Fabrication and Growth Mechanism of Selenium and Tellurium Nanobelts through a Vacuum Vapor Deposition Route. *Journal of Physical Chemistry C*, **2007**, 111, 12926-12932 3.8 51
- 150 Synthesis and Characterization of Novel Lanthanide(III) Complexes-Functionalized Mesoporous Silica Nanoparticles as Fluorescent Nanomaterials. *Journal of Physical Chemistry C*, **2010**, 114, 12505-12510^{3.8} 50
- 149 Topological Diversities and Luminescent Properties of Lanthanide Metal-Organic Frameworks Based on a Tetracarboxylate Ligand. *Crystal Growth and Design*, **2014**, 14, 2394-2400 3.5 49
- 148 Ionic liquid-employed synthesis of Bi₂E₃ (E = S, Se, and Te) hierarchitectures: The case of Bi₂S₃ with superior visible-light-driven Cr(VI) photoreduction capacity. *Chemical Engineering Journal*, **2017**, 327, 371-386 14.7 49

147	Highly selective oxidation of glycerol over Bi/Bi _{3.64} Mo _{0.36} O _{6.55} heterostructure: Dual reaction pathways induced by photogenerated 1O ₂ and holes. <i>Applied Catalysis B: Environmental</i> , 2019 , 244, 206-214	21.8	49
146	Three Metal-Organic Frameworks Based on Binodal Inorganic Building Units and Hetero-O, N Donor Ligand: Solvothermal Syntheses, Structures, and Gas Sorption Properties. <i>Crystal Growth and Design</i> , 2015 , 15, 4901-4907	3.5	48
145	An anionic single-walled metal-organic nanotube with an armchair (3,3) topology as an extremely smart adsorbent for the effective and selective adsorption of cationic carcinogenic dyes. <i>Chemical Communications</i> , 2018 , 54, 3006-3009	5.8	48
144	Assembly of a Three-Dimensional Metal-Organic Framework with Copper(I) Iodide and 4-(Pyrimidin-5-yl) Benzoic Acid: Controlled Uptake and Release of Iodine. <i>Crystal Growth and Design</i> , 2015 , 15, 915-920	3.5	48
143	Cooperative adsorbent based on mesoporous SiO ₂ for organic pollutants in water. <i>Journal of Materials Chemistry</i> , 2011 , 21, 17283		45
142	Facile Fabricating Hierarchically Porous Metal-Organic Frameworks via a Template-Free Strategy. <i>Crystal Growth and Design</i> , 2016 , 16, 504-510	3.5	44
141	Single-metal-ion-based molecular building blocks (MBBs) approach to the design and synthesis of metal-organic assemblies. <i>Journal of Molecular Structure</i> , 2006 , 796, 160-164	3.4	44
140	Ordered mesoporous MnO ₂ as a synergetic adsorbent for effective arsenic(III) removal. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 2374	13	43
139	Roles of H ₂ in annealing and growth times of graphene CVD synthesis over copper foil. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 16208-16216	13	43
138	Enhancing Proton Conductivity in a 3D Metal-Organic Framework by the Cooperation of Guest [Me ₂ NH ₂] ⁺ Cations, Water Molecules, and Host Carboxylates. <i>Crystal Growth and Design</i> , 2017 , 17, 3556-3561	3.5	42
137	Luminescent MOF material based on cadmium(II) and mixed ligands: application for sensing volatile organic solvent molecules. <i>RSC Advances</i> , 2015 , 5, 18087-18091	3.7	42
136	Assembly of a unique octa-nuclear copper cluster-based metal-organic framework with highly selective CO ₂ adsorption over N ₂ and CH ₄ . <i>Chemical Communications</i> , 2013 , 49, 11433-5	5.8	41
135	Solvent-Controlled Assembly of Ionic Metal-Organic Frameworks Based on Indium and Tetracarboxylate Ligand: Topology Variety and Gas Sorption Properties. <i>Crystal Growth and Design</i> , 2016 , 16, 5554-5562	3.5	40
134	Fe@C core-shell and Fe@C yolk-shell particles for effective removal of 4-chlorophenol. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 3988-3994	13	40
133	Two heterovalent copper-organic frameworks with multiple secondary building units: high performance for gas adsorption and separation and I ₂ sorption and release. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 15081-15087	13	40
132	Two Metal-Organic Frameworks with Structural Varieties Derived from cis-trans Isomerism Nodes and Effective Detection of Nitroaromatic Explosives. <i>Crystal Growth and Design</i> , 2018 , 18, 1857-1863	3.5	39
131	Mesoporous Hexanuclear Copper Cluster-Based Metal-Organic Framework with Highly Selective Adsorption of Gas and Organic Dye Molecules. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 31233-31239	3.5	39
130	Hydrothermal synthesis of porous Fe ₂ O ₃ nanostructures for highly efficient Cr(VI) removal. <i>New Journal of Chemistry</i> , 2014 , 38, 2911	3.6	39

129	Synthesis, Structure, and Gas Sorption Studies of a Three-Dimensional Metal-Organic Framework with NbO Topology. <i>Crystal Growth and Design</i> , 2010 , 10, 3405-3409	3.5	39
128	Mannitol-assisted solvothermal synthesis of BiOCl hierarchical nanostructures and their mixed organic dye adsorption capacities. <i>CrystEngComm</i> , 2014 , 16, 4298-4305	3.3	38
127	Two Analogous Polyhedron-Based MOFs with High Density of Lewis Basic Sites and Open Metal Sites: Significant CO Capture and Gas Selectivity Performance. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 32820-32828	9.5	38
126	Two Finite Binuclear [M(EOH)(COO)] (M = Co, Ni) Based Highly Porous Metal-Organic Frameworks with High Performance for Gas Sorption and Separation. <i>Inorganic Chemistry</i> , 2017 , 56, 4141-4147	5.1	37
125	A Stable Mesoporous Zr-Based Metal Organic Framework for Highly Efficient CO Conversion. <i>Inorganic Chemistry</i> , 2019 , 58, 7480-7487	5.1	37
124	A facile photoluminescence modulated nanosensor based on nitrogen-doped graphene quantum dots for sulfite detection. <i>New Journal of Chemistry</i> , 2015 , 39, 8114-8120	3.6	37
123	Thickness-tunable solvothermal synthesis of BiOCl nanosheets and their photosensitization catalytic performance. <i>New Journal of Chemistry</i> , 2015 , 39, 1274-1280	3.6	37
122	Assembly of Two Flexible Metal-Organic Frameworks with Stepwise Gas Adsorption and Highly Selective CO ₂ Adsorption. <i>Crystal Growth and Design</i> , 2014 , 14, 2375-2380	3.5	37
121	Hydrothermal synthesis and characterization of a new layered zinc phosphate intercalated with fully-protonated triethylenetetramine [Zn ₂ (HPO ₄) ₃] ₂ [(C ₆ N ₄ H ₂₂) _{0.5}] ₂ ⁺ . <i>Journal of Materials Chemistry</i> , 2000 , 10, 1451-1455		37
120	Enhancing Gas Sorption and Separation Performance via Bisbenzimidazole Functionalization of Highly Porous Covalent Triazine Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 26678-26686	9.5	36
119	A Flexible Doubly Interpenetrated Metal-Organic Framework with Breathing Behavior and Tunable Gate Opening Effect by Introducing Co into ZnO Clusters. <i>Inorganic Chemistry</i> , 2017 , 56, 6645-6651	5.1	35
118	An Extra-Large-Pore Zeolite with 2488-Ring Channels Using a Structure-Directing Agent Derived from Traditional Chinese Medicine. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6486-6490	16.4	31
117	New Polymer Colloidal and Carbon Nanospheres: Stabilizing Ultrasmall Metal Nanoparticles for Solvent-Free Catalysis. <i>Chemistry of Materials</i> , 2017 , 29, 4044-4051	9.6	30
116	In-situ room-temperature synthesis of amorphous/crystalline contact Bi ₂ S ₃ /Bi ₂ WO ₆ heterostructures for improved photocatalytic ability. <i>Ceramics International</i> , 2017 , 43, 11296-11304	5.1	30
115	A controllable asymmetrical/symmetrical coating strategy for architectural mesoporous organosilica nanostructures. <i>Nanoscale</i> , 2016 , 8, 13581-8	7.7	28
114	Enhancement of Gas Sorption and Separation Performance via Ligand Functionalization within Highly Stable Zirconium-Based Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2017 , 17, 2131-2139	3.5	27
113	Sensitive, Selective, and Fast Detection of ppb-Level HS Gas Boosted by ZnO-CuO Mesocrystal. <i>Nanoscale Research Letters</i> , 2016 , 11, 475	5	27
112	Self-assembly of Homochiral Porous Supramolecular Organic Frameworks with Significant CO ₂ Capture and CO ₂ /N ₂ Selectivity. <i>Crystal Growth and Design</i> , 2017 , 17, 6653-6659	3.5	26

111	A porous sodalite-type MOF based on tetrazolcarboxylate ligands and [Cu ₄ Cl] ⁷⁺ squares with open metal sites for gas sorption. <i>Dalton Transactions</i> , 2014 , 43, 2365-8	4.3	26
110	A Microporous Heterovalent Copper-Organic Framework Based on [Cu ₂ I] _n and Cu ₂ (CO ₂) ₄ Secondary Building Units: High Performance for CO ₂ Adsorption and Separation and Iodine Sorption and Release. <i>Crystal Growth and Design</i> , 2018 , 18, 5449-5455	3.5	25
109	Highly effective and fast removal of anionic carcinogenic dyes via an In ₃ -cluster-based cationic metal-organic framework with nitrogen-rich ligand. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 182-188	7.8	22
108	Mixed anionic surfactant-templated mesoporous silica nanoparticles for fluorescence detection of Fe(3.). <i>Dalton Transactions</i> , 2016 , 45, 508-14	4.3	21
107	Tuning Gas Adsorption Properties of Zeolite-like Supramolecular Assemblies with gis Topology via Functionalization of Isorecticular Metal-Organic Squares. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 33521-33527	9.5	21
106	Mesostructured TiO ₂ Gated Periodic Mesoporous Organosilica-Based Nanotablets for Multistimuli-responsive Drug Release. <i>Small</i> , 2015 , 11, 5907-11	11	21
105	Surface charge tuning of functionalized silica cross-linked micellar nanoparticles encapsulating a donor-acceptor dye for Fe(III) sensing. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 2120-2127	13	21
104	Effect of cationic surfactants on structure and morphology of mesostructured MOFs. <i>RSC Advances</i> , 2012 , 2, 5424	3.7	21
103	Two Stable Zn-Cluster-Based Metal-Organic Frameworks with Breathing Behavior: Synthesis, Structure, and Adsorption Properties. <i>Inorganic Chemistry</i> , 2019 , 58, 391-396	5.1	21
102	An Imide-Decorated Indium-Organic Framework for Efficient and Selective Capture of Carcinogenic Dyes with Diverse Adsorption Interactions. <i>Crystal Growth and Design</i> , 2020 , 20, 3199-3207	3.5	20
101	Construction of Lanthanide-Organic Frameworks from 2-(pyridine-3-yl)-1H-4,5-imidazoledicarboxylate and Oxalate. <i>Crystal Growth and Design</i> , 2012 , 12, 4225-4229	3.5	20
100	Self-doped Ce ³⁺ enhanced CeO ₂ host matrix for energy transfer from Ce ³⁺ to Tb ³⁺ . <i>RSC Advances</i> , 2013 , 3, 3623	3.7	19
99	Template-Directed Assembly of Zeolite-like Metal-Organic Frameworks (ZMOFs): A usf-ZMOF with an Unprecedented Zeolite Topology. <i>Angewandte Chemie</i> , 2008 , 120, 8574-8577	3.6	19
98	Novel open-framework fluorinated indium phosphate with 14-ring intersecting channels: Assembled from 6*1 and racemic pillared secondary building units. <i>Microporous and Mesoporous Materials</i> , 2006 , 97, 132-140	5.3	19
97	Small Molecules, Big Effects: Tuning Adsorption and Catalytic Properties of Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2021 , 33, 1444-1454	9.6	19
96	Assembly of an indium-porphyrin framework JLU-Liu7: a mesoporous metal-organic framework with high gas adsorption and separation of light hydrocarbons. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 139-143	6.8	18
95	Highly Selective Separation of CH ₄ and CH ₂ from CH ₄ within Two Water-Stable Zn Cluster-Based Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 18642-18649	9.5	18
94	Construction of Zn/Ni Bimetallic Organic Framework Derived ZnO/NiO Heterostructure with Superior -Propanol Sensing Performance. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 9206-9215	9.5	18

93	Two Functional Porous Metal-Organic Frameworks Constructed from Expanded Tetracarboxylates for Gas Adsorption and Organosulfurs Removal. <i>Crystal Growth and Design</i> , 2016 , 16, 7301-7307	3.5	17
92	Organic template-directed indium phosphite-oxalate hybrid material: Synthesis and characterization of a novel 3D [C ₆ H ₁₄ N ₂][In ₂ (HPO ₃) ₃ (C ₂ O ₄)] compound with intersecting channels. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 1020-1023	3.1	17
91	Structuring ZIF-8-based hybrid material with hierarchical pores by in situ synthesis and thermal treatment for enhancement of CO ₂ uptake. <i>Journal of Solid State Chemistry</i> , 2019 , 269, 507-512	3.3	17
90	Unique topological motifs in two Cd(II)-coordination polymers: mutual-embedded 2D bilayers, 3D polythreaded structures, self-penetrated networks and 2D-1D interpenetrated homochiral bilayers. <i>CrystEngComm</i> , 2015 , 17, 9055-9061	3.3	16
89	Architecture of yolk-shell structured mesoporous silica nanospheres for catalytic applications. <i>Dalton Transactions</i> , 2018 , 47, 9072-9078	4.3	16
88	Three novel bismuth-based coordination polymers: Synthesis, structure and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2017 , 85, 70-73	3.1	16
87	Synthesis of hierarchical hollow sodium titanate microspheres and their application for selective removal of organic dyes. <i>Journal of Colloid and Interface Science</i> , 2018 , 528, 109-115	9.3	16
86	Lewis basic site (LBS)-functionalized zeolite-like supramolecular assemblies (ZSAs) with high CO ₂ uptake performance and highly selective CO ₂ /CH ₄ separation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 21429-21434	13	15
85	Two unique copper cluster-based metal-organic frameworks with high performance for CO ₂ adsorption and separation. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 556-561	6.8	15
84	Functionalized mesoporous silica nanoparticles as a catalyst to synthesize a luminescent polymer/silica nanocomposite. <i>RSC Advances</i> , 2016 , 6, 16461-16466	3.7	15
83	Tuning the gate opening pressure of a flexible doubly interpenetrated metal-organic framework through ligand functionalization. <i>Dalton Transactions</i> , 2018 , 47, 13158-13163	4.3	15
82	Construction of a cadmium supermolecular compound from 2-(pyridine-3-yl)-1H-4,5-imidazoledicarboxylic acid. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 22-25	3.1	15
81	Highly efficient synergistic CO ₂ conversion with epoxide using copper polyhedron-based MOFs with Lewis acid and base sites. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4517-4526	6.8	15
80	Self-assembly of two robust 3D supramolecular organic frameworks from a geometrically non-planar molecule for high gas selectivity performance. <i>Chemical Science</i> , 2019 , 10, 6565-6571	9.4	14
79	Highly sensitive and selective detection of phosphate using novel highly photoluminescent water-soluble Mn-doped ZnTe/ZnSe quantum dots. <i>Talanta</i> , 2015 , 144, 680-5	6.2	14
78	A chelation-induced cooperative self-assembly methodology for the synthesis of mesoporous metal hydroxide and oxide nanospheres. <i>Nanoscale</i> , 2018 , 10, 5731-5737	7.7	14
77	Anion-templated assembly of three indium-organic frameworks with diverse topologies. <i>CrystEngComm</i> , 2014 , 16, 9810-9816	3.3	14
76	Construction of three lanthanide organic frameworks with (3,5)-connected topology based on 2-methyl-4,5-imidazoledicarboxylate and oxalate. <i>Inorganic Chemistry Communication</i> , 2012 , 20, 201-204 ^{3.1}	3.1	14

75	Bi ₄ O ₅ I ₂ flower/Bi ₂ S ₃ nanorod heterojunctions for significantly enhanced photocatalytic performance. <i>CrystEngComm</i> , 2019 , 21, 4158-4168	3.3	13
74	A Zn(II) metal-organic framework constructed by a mixed-ligand strategy for CO ₂ capture and gas separation. <i>CrystEngComm</i> , 2019 , 21, 3289-3294	3.3	13
73	Assembly of Zeolite-like Metal-Organic Framework: An Indium-ZMOF Possessing GIS Topology and High CO Capture. <i>Inorganic Chemistry</i> , 2018 , 57, 10679-10684	5.1	13
72	Structural diversity and magnetic properties of three metal-organic frameworks assembled from a T-shaped linker. <i>CrystEngComm</i> , 2015 , 17, 604-611	3.3	12
71	Tailored synthesis of hierarchical spinous hollow titania hexagonal prisms via a self-template route. <i>Nanoscale</i> , 2014 , 6, 13915-20	7.7	12
70	Construction of two novel indium phosphites with (3,6)- and (3,5)-connected frameworks: Synthesis, structure and characterization. <i>Journal of Solid State Chemistry</i> , 2013 , 197, 75-80	3.3	12
69	[Zn ₂ (HPO ₃) ₂ (H ₂ PO ₃)][C ₃ H ₅ N ₂] and [Zn ₂ (HPO ₃) ₃][C ₄ H ₇ N ₂] ₂ ·2H ₂ O: Two new layered zinc phosphites with double 12-membered rings templated by imidazole and 2-methylimidazole. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 1312-1317	3.3	12
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66	Co-entrapped, N-doped mesoporous carbons prepared from melamine formaldehyde resins with CoCl ₂ as template for hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2018 , 516, 416-422	9.3	11
65	Photoelectrochemical determination of malathion by using CuO modified with a metal-organic framework of type Cu-BTC. <i>Mikrochimica Acta</i> , 2019 , 186, 481	5.8	11
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52	Effects of substrate and transfer on CVD-grown graphene over sapphire-induced Cu films. <i>Science China Chemistry</i> , 2014 , 57, 895-901	7.9	9
51	Reversibly photo-switchable wettability of stearic acid monolayer modified bismuth-based micro-/nanomaterials. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 31666-31674	3.6	9
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49	Syntheses, crystal structures of two coordination polymers constructed from imidazole-based dicarboxylate ligands containing alkyl group. <i>Inorganic Chemistry Communication</i> , 2013 , 30, 115-119	3.1	9
48	Two urea-functionalized pcu metal-organic frameworks based on a pillared-layer strategy for gas adsorption and separation. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3500-3508	6.8	9
47	A water stable microporous metal-organic framework based on rod SBUs: synthesis, structure and adsorption properties. <i>CrystEngComm</i> , 2018 , 20, 2169-2174	3.3	8
46	Molten salt synthesis of Co-entrapped, N-doped porous carbon from various nitrogen precursors as efficient electrocatalysts for hydrogen evolution. <i>Journal of Materials Science</i> , 2019 , 54, 638-647	4.3	8
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42	Molten salt synthesis of Co-entrapped, N-doped porous carbon as efficient hydrogen evolving electrocatalysts. <i>Materials Letters</i> , 2017 , 209, 256-259	3.3	7
41	A three-dimensional Cu-MOF with strong π -interactions exhibiting high water and chemical stability. <i>Inorganic Chemistry Communication</i> , 2019 , 99, 108-112	3.1	7
40	4.8 nm Concave {M ₇₂ } (M=Co, Ni, Fe) metal-organic polyhedra capped by 18 calixarenes. <i>Science China Chemistry</i> , 2021 , 64, 426-431	7.9	7

39	Highly efficient degradation of chlorophenol over bismuth oxides upon near-infrared irradiation: Unraveling the effect of Bi-O-Bi-O defects cluster and 1O ₂ involved process. <i>Applied Catalysis B: Environmental</i> , 2021 , 298, 120576	21.8	7
38	Two ultramicroporous metal-organic frameworks assembled from binuclear secondary building units for highly selective CO/N separation. <i>Dalton Transactions</i> , 2019 , 48, 1680-1685	4.3	6
37	Assembly of two Cu-based coordination polymers from 2-(pyridine-3-yl)-1H-4,5-imidazoledicarboxylate ligand. <i>Inorganic Chemistry Communication</i> , 2015 , 52, 69-72	3.1	6
36	Hydrocarbon Separation: Designer Metal-Organic Frameworks for Size-Exclusion-Based Hydrocarbon Separations: Progress and Challenges (Adv. Mater. 44/2020). <i>Advanced Materials</i> , 2020 , 32, 2070333	24	6
35	Novel Schiff base (DBDDP) selective detection of Fe (III): Dispersed in aqueous solution and encapsulated in silica cross-linked micellar nanoparticles in living cell. <i>Journal of Colloid and Interface Science</i> , 2018 , 514, 357-363	9.3	6
34	Separation of hexane isomers by introducing triangular-like and quadrilateral-like channels in a bcu-type metal-organic framework. <i>Nano Research</i> , 2021 , 14, 526-531	10	6
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31	Transformation from single-mesoporous to dual-mesoporous organosilica nanoparticles. <i>Nanoscale</i> , 2017 , 9, 6362-6369	7.7	5
30	A general synthesis of abundant metal nanoparticles functionalized mesoporous graphitized carbon. <i>RSC Advances</i> , 2017 , 7, 50966-50972	3.7	5
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28	Synthesis, characterization and magnetic property of a new 3D iron phosphite: [C ₄ N ₃ H ₁₄][Fe ₃ (HPO ₃) ₄ F ₂ (H ₂ O) ₂] with intersecting channels. <i>Journal of Solid State Chemistry</i> , 2009 , 182, 1929-1934	3.3	5
27	Contiguous layer based metal-organic framework with conjugated electron ligand for high iodine capture. <i>Dalton Transactions</i> , 2021 , 50, 13096-13102	4.3	5
26	Controlled Synthesis of Noble Carbon Colloids as Highly Active Nanocatalysts. <i>ACS Applied Nano Materials</i> , 2018 , 1, 1563-1568	5.6	4
25	Ru(bpy) ₂ (phen-5-NH ₂) ₂ ⁺ doped ultrabright and photostable fluorescent silica nanoparticles. <i>RSC Advances</i> , 2016 , 6, 51591-51597	3.7	4
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21	Boosting hydrogen evolution over Ni ₆ (SCH ₂ Ph) ₁₂ nanocluster modified TiO ₂ via pseudo-Z-scheme interfacial charge transfer. <i>Applied Catalysis B: Environmental</i> , 2021 , 292, 120158	21.8	4
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18	Highly efficient Cr(VI) removal from industrial electroplating wastewater over BiS nanostructures prepared by dual sulfur-precursors: Insights on the promotion effect of sulfate ions. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127423	12.8	3
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16	Self-sacrificed construction of defect-rich ZnO@ZIF-8 nanocomposites with enhanced photocurrent properties. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 1046-1053	6.8	3
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13	The performance of mesoporous organosilicas with phenyl groups in Heme protein immobilization. <i>New Journal of Chemistry</i> , 2015 , 39, 739-745	3.6	2
12	Resolution of 1,1,1-trifluoro-2-octanol by Pseudomonas sp. lipase encapsulated in aggregated silica nanoparticles. <i>RSC Advances</i> , 2014 , 4, 6103	3.7	2
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9	Superprotonic conductivity of a 3D anionic metal-organic framework by synergistic effect of guest [Me ₂ NH ₂] ⁺ cations, water molecules and host carboxylates. <i>Journal of Solid State Chemistry</i> , 2021 , 299, 122168	3.3	2
8	Hydrogen bond-induced bright enhancement of fluorescent silica cross-linked micellar nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2018 , 519, 224-231	9.3	1
7	Fabrication of Metal Nanoparticle Composites by Slow Chemical Reduction of Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2021 , 60, 16447-16454	5.1	1
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| 3 | A dual-emissive europium-based metal-organic framework for selective and sensitive detection of Fe and Fe. <i>Dalton Transactions</i> , 2021 , 50, 13823-13829 | 4.3 | ○ |
| 2 | Self-assembly of 3p-Block Metal-based Metal-Organic Frameworks from Structural Perspective. <i>Chemical Research in Chinese Universities</i> , 2022 , 38, 31-44 | 2.2 | ○ |
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